

Title (en)

Stirring device with contactless data transmission

Title (de)

Rührvorrichtung mit berührungsloser Datenübertragung

Title (fr)

Dispositif de malaxage avec transmission de données sans contact

Publication

EP 2153887 A3 20100324 (DE)

Application

EP 09008403 A 20090626

Priority

DE 102008038833 A 20080813

Abstract (en)

[origin: EP2153887A2] The stirrer (1) has a stirring unit (2) and a stirring shaft (3), which is driven in a rotating manner by the stirring unit and is provided for immersion into a medium to be stirred. The stirring shaft is provided with a measurement sensor (10) e.g. temperature sensor, that measures measurement data of a measurement parameter of the medium. A measurement circuit includes a data transmission unit to transmit the measurement data in a contactless manner to a receiver unit (11) that does not rotate with the stirring shaft. A container receives the medium. An independent claim is also included for a method for stirring a medium and for measurement of measurement data of a measurement parameter of the medium.

IPC 8 full level

B01F 7/16 (2006.01); **B01F 15/00** (2006.01); **G08C 17/04** (2006.01); **G08C 17/06** (2006.01); **G08C 23/04** (2006.01); **B01L 7/00** (2006.01)

CPC (source: EP US)

B01F 27/805 (2022.01 - EP US); **B01F 35/2115** (2022.01 - EP US); **B01F 35/213** (2022.01 - EP US); **B01F 35/2142** (2022.01 - EP US); **G08C 17/00** (2013.01 - EP US); **B01L 7/00** (2013.01 - EP US)

Citation (search report)

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- [XAYI] EP 0589093 A1 19940330 - SIGMA DELTA NV [BE]
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- [XYI] EP 0454952 A1 19911106 - METTLER TOLEDO AG [CH]
- [XAYI] US 4704035 A 19871103 - KOWALCZYK JAMES E [US]
- [XAI] EP 0988888 A1 20000329 - BASF AG [DE]
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Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA RS

DOCDB simple family (publication)

EP 2153887 A2 20100217; **EP 2153887 A3 20100324**; DE 102008038833 A1 20100225; DE 102008038833 B4 20140227; US 2010039883 A1 20100218

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